



PTO/SB/17 (11-04)

Approved for use through 7/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective 10/01/2004. Patent fees are subject to annual revision.

**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 0.00**Complete if Known**

|                      |                        |
|----------------------|------------------------|
| Application Number   | 10/062,831-Conf. #1783 |
| Filing Date          | February 5, 2002       |
| First Named Inventor | Steven M. Ruben        |
| Examiner Name        | M. E. Szperka          |
| Art Unit             | 1644                   |
| Attorney Docket No.  | PZ006G13AP1C1D1        |

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order☒ Deposit Account ☐ NoneDeposit Account Number  
08-3425Deposit Account Name  
Human Genome Sciences, Inc.

The Director is hereby authorized to: (check all that apply)

- ☒ Charge fee(s) indicated below  
☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or any underpayment of fee(s) under 37 CFR 1.16 and 1.17  
☒ Credit any overpayments

To the above-identified deposit account.

☐ Other (please identify): \_\_\_\_\_**FEE CALCULATION****1. BASIC FILING FEE**

| Fee Description        | Fee (\$) | Small Entity Fee (\$) | Fee Paid (\$) |
|------------------------|----------|-----------------------|---------------|
| Utility Filing Fee     | 790      | 395                   |               |
| Design Filing Fee      | 350      | 175                   |               |
| Plant Filing Fee       | 550      | 275                   |               |
| Reissue Filing Fee     | 790      | 395                   |               |
| Provisional Filing Fee | 160      | 80                    |               |

Subtotal (1) \$ 0.00

**FEE CALCULATION** (continued)**2. EXTRA CLAIM FEES**

| Fee Description   | Fee (\$) | Small Entity Fee (\$) |
|---|----------|-----------------------|
| Each claim over 20  | 18       | 9                     |
| Each independent claim over 3   | 88       | 44                    |
| Multiple dependent claims   | 300      | 150                   |
| For Reissues, each claim over 20 and more than in the original patent | 18       | 9                     |
| For Reissues, each independent claim more than in the original patent | 88       | 44                    |

|              |              |          |               |
|--------------|--------------|----------|---------------|
| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
| 61           | - 75 =       | x        | = 0.00        |

|               |              |          |               |
|---------------|--------------|----------|---------------|
| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
| 4             | - 6 =        | x        | = 0.00        |

|                           |          |               |
|---------------------------|----------|---------------|
| Multiple Dependent Claims | Fee (\$) | Fee Paid (\$) |
| Subtotal (2)              | \$       | 0.00          |

**3. OTHER FEES**

| Fee Description                     | Fee (\$) | Small Entity Fee (\$) | Fee Paid |
|-------------------------------------|----------|-----------------------|----------|
| 1-month extension of time           | 110      | 55                    |          |
| 2-month extension of time           | 430      | 215                   |          |
| 3-month extension of time           | 980      | 490                   |          |
| 4-month extension of time           | 1,530    | 765                   |          |
| 5-month extension of time           | 2,080    | 1,040                 |          |
| Information disclosure stmt. Fee    | 180      | 180                   |          |
| 37 CFR 1.17(q) processing fee       | 50       | 50                    |          |
| Non-English specification           | 130      | 130                   |          |
| Notice of Appeal                    | 340      | 170                   |          |
| Filing a brief in support of appeal | 340      | 170                   |          |
| Request for oral hearing            | 300      | 150                   |          |

Other: \_\_\_\_\_

Subtotal (3) \$ 0.00

**SUBMITTED BY**

|                   |                        |                                   |                  |           |                |
|-------------------|------------------------|-----------------------------------|------------------|-----------|----------------|
| Signature         | <i>Doyle A. Siever</i> | Registration No. (Attorney/Agent) | 47,088           | Telephone | (301) 354-3932 |
| Name (Print/Type) | Doyle A. Siever        | Date                              | December 8, 2004 |           |                |



Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

**PROCESSING FEE  
Under 37 CFR 1.17(i)  
TRANSMITTAL**

(Fees are subject to annual revision)

**Send completed form to:**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

|                        |                        |
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| Examiner Name          | M. E. Szperka          |
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Enclosed is a paper filed under 37 CFR 1.48(b)(2) that requires a processing fee (37 CFR 1.17(i)).  
Payment of \$ 130.00 is enclosed.

This form should be included with the above-mentioned paper and faxed or mailed to the Office using the appropriate Mail Stop, if applicable. For transmittal of petition fees under 37 CFR 1.17(f), (g) or (h), see form PTO/SB/17p.

**Payment of Fees** (small entity amounts are NOT available for the petition fees)

☒ The Commissioner is hereby authorized to charge the following fees to Deposit Account No. 08-3425 :

☒ Processing fee under 37 CFR 1.17(i) ☒ Any deficiency of fees and credit of any overpayments

Enclose a duplicative copy of this form for fee processing.

☐ Check in the amount of \$ \_\_\_\_\_ is enclosed.

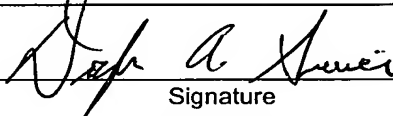
☐ Payment by credit card (Form PTO-2038 or equivalent enclosed). Do not provide credit card information on this form.

**Processing Fees under 37 CFR 1.17(i): Fee \$130**

**Fee Code 1808 for all,  
Except for §1.221 papers (Fee Code 1803)**

For papers filed under:

- § 1.28(c)(3) – for processing a non-itemized fee deficiency based on an error in small entity status.
- § 1.41 – for supplying the name or names of the inventor or inventors after the filing date without an oath or declaration as prescribed by § 1.63, except in provisional applications.
- § 1.48 – for correcting inventorship, except in provisional applications.
- § 1.52(d) – for processing a nonprovisional application filed with a specification in a language other than English.
- § 1.53(b)(3) – to convert a provisional application filed under § 1.53(c) into a nonprovisional application under § 1.53(b).
- § 1.55 – for entry of late priority papers.
- § 1.99(e) – for processing a belated submission under § 1.99.
- § 1.103(b) – for requesting limited suspension of action, continued prosecution application (§ 1.53(d)).
- § 1.103(c) – for requesting limited suspension of action, request for continued examination (§ 1.114).
- § 1.103(d) – for requesting deferred examination of an application.
- § 1.217 – for processing a redacted copy of a paper submitted in the file of an application in which a redacted copy was submitted for the patent application publication.
- § 1.221 – for requesting voluntary publication or republication of an application. **Fee Code 1803**
- § 1.291(c)(5) – for processing a second or subsequent protest by the same real party in interest.
- § 1.497(d) – for filing an oath or declaration pursuant to 35 U.S.C. 371(c)(4) naming an inventive entity different from the inventive entity set forth in the international stage.
- § 3.81 – for a patent to issue to assignee, assignment submitted after payment of the issue fee.

  
Signature

December 8, 2004

Date

Doyle A. Siever

47,088

Typed or printed name

Registration No., if applicable